



qPCR-2021-08-10 N1 O Aug 9 H Aug 5 7 8 CSC Aug 9 Ac Aug 5 6 VC Aug 9 Aw Aug 9 EVR S.pcrd 08/10/2021 16:15

Report Information

User: BioRad/admin

Data File Name: qPCR-2021-08-10 N1 O Aug 9 H Aug 5 7 8 CSC Aug 9 Ac Aug 5 6 VC Aug 9 Aw Aug 9 EVR S.pcrd

Data File Path: C:\Users\qPCRr\Documents\Syeda\Servicing\Aug 10

Well Group Name: All Wells

Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 08/10/2021 15:15

Run User: admin

Run Type: User-defined

Plate File: qPCR2021-08-09 N1 UO sample_Pervez_Elutriation QC PS.pltd

ID:

Notes:

Sample Volume: 10

Temperature Control Mode: Calculated

Lid Temperature: 105

Base Serial Number: CT055319

Optical Head Serial Number: 785BR30251

Protocol

1: 50.0°C for 5:00

2: 95.0°C for 0:20

3: 95.0°C for 0:03

4: 60.0°C for 0:30

Plate Read

5: GOTO 3, 44 more times

Plate Display

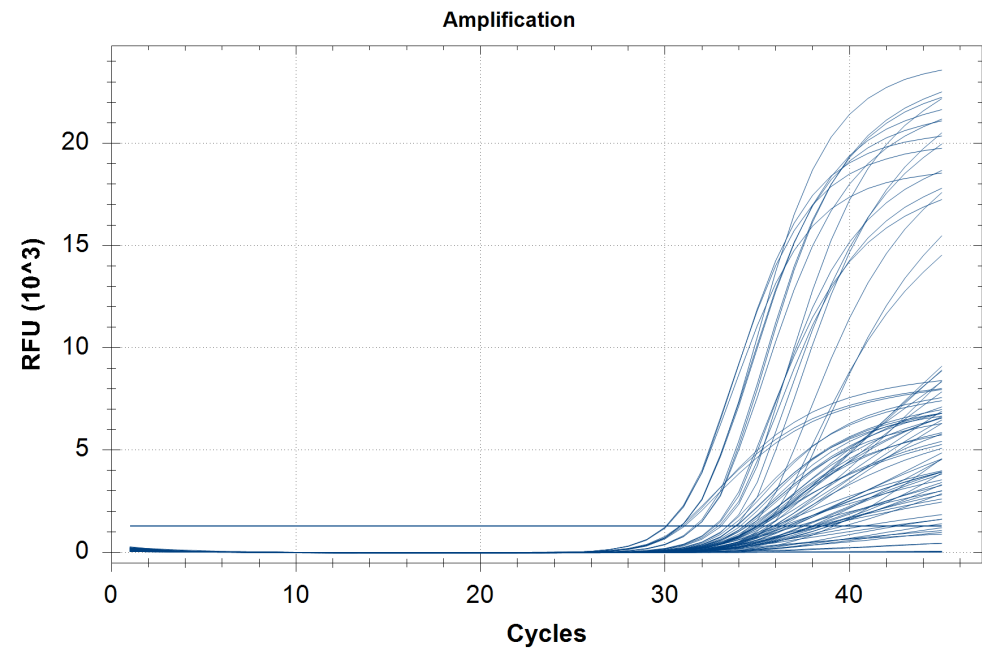
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-----------|-----------|-----------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| A | Std N1 | Std N1 | Std N1 | Unk N1 H_08.05.21 | Unk N1 H_08.05.21 | Unk N1 H_08.05.21 | Unk N1 AC_08.05.21 | Unk N1 AC_08.05.21 | Unk N1 AC_08.05.21 | Unk N1 EMH_07.21.21 | Unk N1 EMH_07.21.21 | Unk N1 EMH_07.21.21 |
| B | Std N1 | Std N1 | Std N1 | Unk N1 H_08.07.21 | Unk N1 H_08.07.21 | Unk N1 H_08.07.21 | Unk N1 VC1_08.09.21 | Unk N1 VC1_08.09.21 | Unk N1 VC1_08.09.21 | Unk N1 EVC1_07.02.21 | Unk N1 EVC1_07.02.21 | Unk N1 EVC1_07.02.21 |
| C | Std N1 | Std N1 | Std N1 | Unk N1 H_08.-8.21 | Unk N1 H_08.-8.21 | Unk N1 H_08.-8.21 | Unk N1 VC2_08.09.21 | Unk N1 VC2_08.09.21 | Unk N1 VC2_08.09.21 | Unk N1 EVC1_07.16.21 | Unk N1 EVC1_07.16.21 | Unk N1 EVC1_07.16.21 |

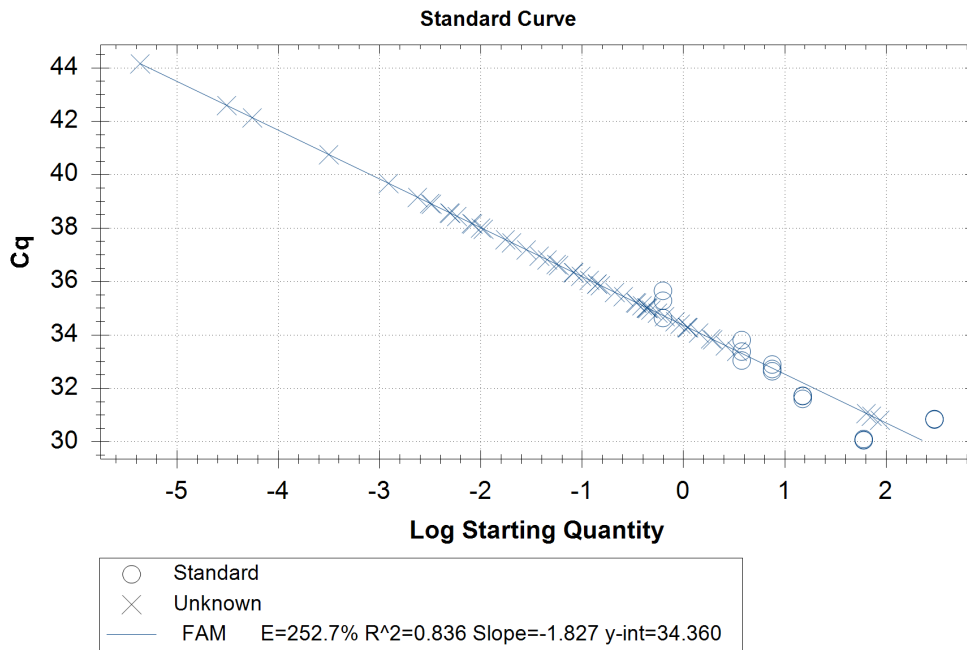
Plate Display

| | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| D | Std N1 | Std N1 | Std N1 | Unk N1 MH_08.09.2 1 | Unk N1 MH_08.09.2 1 | Unk N1 MH_08.09.2 1 | Unk N1 VC3_08.09. 21 | Unk N1 VC3_08.09. 21 | Unk N1 VC3_08.09. 21 | Unk N1 EVC3_07.1 6.21 | Unk N1 EVC3_07.1 6.21 | Unk N1 EVC3_07.1 6.21 |
| E | Std N1 | Std N1 | Std N1 | Unk N1 H_D_08.06. 21 | Unk N1 H_D_08.06. 21 | Unk N1 H_D_08.06. 21 | Unk N1 AWst_08.09. .21 | Unk N1 AWst_08.09. .21 | Unk N1 AWst_08.09. .21 | Unk N1 EB | Unk N1 EB | Unk N1 EB |
| F | Std N1 | Std N1 | Std N1 | Unk N1 H_D_08.08. 21 | Unk N1 H_D_08.08. 21 | Unk N1 H_D_08.08. 21 | Unk N1 Aw_B_08.0 9.21 | Unk N1 Aw_B_08.0 9.21 | Unk N1 Aw_B_08.0 9.21 | | | |
| G | NTC N1 | NTC N1 | NTC N1 | Unk N1 BMI_08.09. 21 | Unk N1 BMI_08.09. 21 | Unk N1 BMI_08.09. 21 | Unk N1 EH_07.20.2 1 | Unk N1 EH_07.20.2 1 | Unk N1 EH_07.20.2 1 | | | |
| H | Unk N1 O_08.09.21 | Unk N1 O_08.09.21 | Unk N1 O_08.09.21 | Unk N1 AC_08.06.2 1 | Unk N1 AC_08.06.2 1 | Unk N1 AC_08.06.2 1 | Unk N1 EBMI_07.2 5 | Unk N1 EBMI_07.2 5 | Unk N1 EBMI_07.2 5 | | | |

Quantification

Step #: 4
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
FAM: Auto Calculated
Threshold Setting:
FAM: 1288.03, Auto Calculated





Quantification Data

| Well | Fluor | Target | Content | Sample | Cq | Cq Mean | Cq Std. Dev | Starting Quantity (SQ) | Log Starting Quantity | SQ Mean | SQ Std. Dev |
|------|-------|--------|---------|---------------|-------|---------|-------------|------------------------|-----------------------|----------|-------------|
| A01 | FAM | N1 | Std | | 30.85 | 30.85 | 0.000 | 3.000E+02 | 2.477 | 3.00E+02 | 0.00E+00 |
| A02 | FAM | N1 | Std | | 30.83 | 30.83 | 0.000 | 3.000E+02 | 2.477 | 3.00E+02 | 0.00E+00 |
| A03 | FAM | N1 | Std | | 30.85 | 30.85 | 0.000 | 3.000E+02 | 2.477 | 3.00E+02 | 0.00E+00 |
| A04 | FAM | N1 | Unkn | H_08.05.21 | 35.20 | 35.20 | 0.000 | 3.455E-01 | -0.461 | 3.46E-01 | 0.00E+00 |
| A05 | FAM | N1 | Unkn | H_08.05.21 | 37.97 | 37.97 | 0.000 | 1.061E-02 | -1.974 | 1.06E-02 | 0.00E+00 |
| A06 | FAM | N1 | Unkn | H_08.05.21 | 36.21 | 36.21 | 0.000 | 9.745E-02 | -1.011 | 9.75E-02 | 0.00E+00 |
| A07 | FAM | N1 | Unkn | AC_08.05.21 | 30.82 | 30.82 | 0.000 | 8.693E+01 | 1.939 | 8.69E+01 | 0.00E+00 |
| A08 | FAM | N1 | Unkn | AC_08.05.21 | 30.97 | 30.97 | 0.000 | 7.197E+01 | 1.857 | 7.20E+01 | 0.00E+00 |
| A09 | FAM | N1 | Unkn | AC_08.05.21 | 31.06 | 31.06 | 0.000 | 6.365E+01 | 1.804 | 6.36E+01 | 0.00E+00 |
| A10 | FAM | N1 | Unkn | EMH_07.21.21 | 37.19 | 37.19 | 0.000 | 2.814E-02 | -1.551 | 2.81E-02 | 0.00E+00 |
| A11 | FAM | N1 | Unkn | EMH_07.21.21 | 36.34 | 36.34 | 0.000 | 8.273E-02 | -1.082 | 8.27E-02 | 0.00E+00 |
| A12 | FAM | N1 | Unkn | EMH_07.21.21 | 38.18 | 38.18 | 0.000 | 8.096E-03 | -2.092 | 8.10E-03 | 0.00E+00 |
| B01 | FAM | N1 | Std | | 30.07 | 30.07 | 0.000 | 6.000E+01 | 1.778 | 6.00E+01 | 0.00E+00 |
| B02 | FAM | N1 | Std | | 30.06 | 30.06 | 0.000 | 6.000E+01 | 1.778 | 6.00E+01 | 0.00E+00 |
| B03 | FAM | N1 | Std | | 30.11 | 30.11 | 0.000 | 6.000E+01 | 1.778 | 6.00E+01 | 0.00E+00 |
| B04 | FAM | N1 | Unkn | H_08.07.21 | 38.16 | 38.16 | 0.000 | 8.298E-03 | -2.081 | 8.30E-03 | 0.00E+00 |
| B05 | FAM | N1 | Unkn | H_08.07.21 | 35.44 | 35.44 | 0.000 | 2.553E-01 | -0.593 | 2.55E-01 | 0.00E+00 |
| B06 | FAM | N1 | Unkn | H_08.07.21 | 36.61 | 36.61 | 0.000 | 5.877E-02 | -1.231 | 5.88E-02 | 0.00E+00 |
| B07 | FAM | N1 | Unkn | VC1_08.09.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| B08 | FAM | N1 | Unkn | VC1_08.09.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| B09 | FAM | N1 | Unkn | VC1_08.09.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| B10 | FAM | N1 | Unkn | EVC1_07.02.21 | 44.16 | 44.16 | 0.000 | 4.329E-06 | -5.364 | 4.33E-06 | 0.00E+00 |
| B11 | FAM | N1 | Unkn | EVC1_07.02.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| B12 | FAM | N1 | Unkn | EVC1_07.02.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| C01 | FAM | N1 | Std | | 31.73 | 31.73 | 0.000 | 1.500E+01 | 1.176 | 1.50E+01 | 0.00E+00 |
| C02 | FAM | N1 | Std | | 31.61 | 31.61 | 0.000 | 1.500E+01 | 1.176 | 1.50E+01 | 0.00E+00 |
| C03 | FAM | N1 | Std | | 31.71 | 31.71 | 0.000 | 1.500E+01 | 1.176 | 1.50E+01 | 0.00E+00 |
| C04 | FAM | N1 | Unkn | H_08.-8.21 | 35.02 | 35.02 | 0.000 | 4.377E-01 | -0.359 | 4.38E-01 | 0.00E+00 |

Quantification Data

| Well | Fluor | Target | Content | Sample | Cq | Cq Mean | Cq Std. Dev | Starting Quantity (SQ) | Log Starting Quantity | SQ Mean | SQ Std. Dev |
|------|-------|--------|---------|---------------|-------|---------|-------------|------------------------|-----------------------|----------|-------------|
| C05 | FAM | N1 | Unkn | H_08.-8.21 | 35.10 | 35.10 | 0.000 | 3.915E-01 | -0.407 | 3.92E-01 | 0.00E+00 |
| C06 | FAM | N1 | Unkn | H_08.-8.21 | 34.51 | 34.51 | 0.000 | 8.300E-01 | -0.081 | 8.30E-01 | 0.00E+00 |
| C07 | FAM | N1 | Unkn | VC2_08.09.21 | 38.56 | 38.56 | 0.000 | 5.001E-03 | -2.301 | 5.00E-03 | 0.00E+00 |
| C08 | FAM | N1 | Unkn | VC2_08.09.21 | 36.82 | 36.82 | 0.000 | 4.515E-02 | -1.345 | 4.51E-02 | 0.00E+00 |
| C09 | FAM | N1 | Unkn | VC2_08.09.21 | 38.01 | 38.01 | 0.000 | 9.989E-03 | -2.000 | 9.99E-03 | 0.00E+00 |
| C10 | FAM | N1 | Unkn | EVC1_07.16.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| C11 | FAM | N1 | Unkn | EVC1_07.16.21 | 42.60 | 42.60 | 0.000 | 3.094E-05 | -4.509 | 3.09E-05 | 0.00E+00 |
| C12 | FAM | N1 | Unkn | EVC1_07.16.21 | 39.16 | 39.16 | 0.000 | 2.368E-03 | -2.626 | 2.37E-03 | 0.00E+00 |
| D01 | FAM | N1 | Std | | 32.90 | 32.90 | 0.000 | 7.500E+00 | 0.875 | 7.50E+00 | 0.00E+00 |
| D02 | FAM | N1 | Std | | 32.64 | 32.64 | 0.000 | 7.500E+00 | 0.875 | 7.50E+00 | 0.00E+00 |
| D03 | FAM | N1 | Std | | 32.73 | 32.73 | 0.000 | 7.500E+00 | 0.875 | 7.50E+00 | 0.00E+00 |
| D04 | FAM | N1 | Unkn | MH_08.09.21 | 34.41 | 34.41 | 0.000 | 9.341E-01 | -0.030 | 9.34E-01 | 0.00E+00 |
| D05 | FAM | N1 | Unkn | MH_08.09.21 | 34.08 | 34.08 | 0.000 | 1.416E+00 | 0.151 | 1.42E+00 | 0.00E+00 |
| D06 | FAM | N1 | Unkn | MH_08.09.21 | 33.83 | 33.83 | 0.000 | 1.951E+00 | 0.290 | 1.95E+00 | 0.00E+00 |
| D07 | FAM | N1 | Unkn | VC3_08.09.21 | 36.35 | 36.35 | 0.000 | 8.170E-02 | -1.088 | 8.17E-02 | 0.00E+00 |
| D08 | FAM | N1 | Unkn | VC3_08.09.21 | 38.90 | 38.90 | 0.000 | 3.265E-03 | -2.486 | 3.26E-03 | 0.00E+00 |
| D09 | FAM | N1 | Unkn | VC3_08.09.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| D10 | FAM | N1 | Unkn | EVC3_07.16.21 | 38.44 | 38.44 | 0.000 | 5.806E-03 | -2.236 | 5.81E-03 | 0.00E+00 |
| D11 | FAM | N1 | Unkn | EVC3_07.16.21 | 39.68 | 39.68 | 0.000 | 1.226E-03 | -2.911 | 1.23E-03 | 0.00E+00 |
| D12 | FAM | N1 | Unkn | EVC3_07.16.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| E01 | FAM | N1 | Std | | 33.38 | 33.38 | 0.000 | 3.750E+00 | 0.574 | 3.75E+00 | 0.00E+00 |
| E02 | FAM | N1 | Std | | 33.81 | 33.81 | 0.000 | 3.750E+00 | 0.574 | 3.75E+00 | 0.00E+00 |
| E03 | FAM | N1 | Std | | 33.04 | 33.04 | 0.000 | 3.750E+00 | 0.574 | 3.75E+00 | 0.00E+00 |
| E04 | FAM | N1 | Unkn | H_D_08.06.21 | 35.60 | 35.60 | 0.000 | 2.097E-01 | -0.678 | 2.10E-01 | 0.00E+00 |
| E05 | FAM | N1 | Unkn | H_D_08.06.21 | 34.29 | 34.29 | 0.000 | 1.093E+00 | 0.038 | 1.09E+00 | 0.00E+00 |
| E06 | FAM | N1 | Unkn | H_D_08.06.21 | 34.83 | 34.83 | 0.000 | 5.556E-01 | -0.255 | 5.56E-01 | 0.00E+00 |
| E07 | FAM | N1 | Unkn | AWst_08.09.21 | 33.40 | 33.40 | 0.000 | 3.370E+00 | 0.528 | 3.37E+00 | 0.00E+00 |
| E08 | FAM | N1 | Unkn | AWst_08.09.21 | 33.60 | 33.60 | 0.000 | 2.603E+00 | 0.415 | 2.60E+00 | 0.00E+00 |
| E09 | FAM | N1 | Unkn | AWst_08.09.21 | 33.87 | 33.87 | 0.000 | 1.862E+00 | 0.270 | 1.86E+00 | 0.00E+00 |
| E10 | FAM | N1 | Unkn | EB | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| E11 | FAM | N1 | Unkn | EB | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| E12 | FAM | N1 | Unkn | EB | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| F01 | FAM | N1 | Std | | 35.28 | 35.28 | 0.000 | 6.260E-01 | -0.203 | 6.26E-01 | 0.00E+00 |
| F02 | FAM | N1 | Std | | 35.65 | 35.65 | 0.000 | 6.260E-01 | -0.203 | 6.26E-01 | 0.00E+00 |
| F03 | FAM | N1 | Std | | 34.64 | 34.64 | 0.000 | 6.260E-01 | -0.203 | 6.26E-01 | 0.00E+00 |
| F04 | FAM | N1 | Unkn | H_D_08.08.21 | 36.65 | 36.65 | 0.000 | 5.574E-02 | -1.254 | 5.57E-02 | 0.00E+00 |
| F05 | FAM | N1 | Unkn | H_D_08.08.21 | 34.70 | 34.70 | 0.000 | 6.535E-01 | -0.185 | 6.53E-01 | 0.00E+00 |
| F06 | FAM | N1 | Unkn | H_D_08.08.21 | 35.92 | 35.92 | 0.000 | 1.405E-01 | -0.852 | 1.40E-01 | 0.00E+00 |
| F07 | FAM | N1 | Unkn | Aw_B_08.09.21 | 34.29 | 34.29 | 0.000 | 1.091E+00 | 0.038 | 1.09E+00 | 0.00E+00 |
| F08 | FAM | N1 | Unkn | Aw_B_08.09.21 | 34.94 | 34.94 | 0.000 | 4.792E-01 | -0.320 | 4.79E-01 | 0.00E+00 |
| F09 | FAM | N1 | Unkn | Aw_B_08.09.21 | 34.28 | 34.28 | 0.000 | 1.112E+00 | 0.046 | 1.11E+00 | 0.00E+00 |
| G01 | FAM | N1 | NTC | | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| G02 | FAM | N1 | NTC | | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| G03 | FAM | N1 | NTC | | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |
| G04 | FAM | N1 | Unkn | BMI_08.09.21 | 35.22 | 35.22 | 0.000 | 3.385E-01 | -0.470 | 3.39E-01 | 0.00E+00 |
| G05 | FAM | N1 | Unkn | BMI_08.09.21 | 35.00 | 35.00 | 0.000 | 4.464E-01 | -0.350 | 4.46E-01 | 0.00E+00 |
| G06 | FAM | N1 | Unkn | BMI_08.09.21 | 35.02 | 35.02 | 0.000 | 4.336E-01 | -0.363 | 4.34E-01 | 0.00E+00 |
| G07 | FAM | N1 | Unkn | EH_07.20.21 | 40.76 | 40.76 | 0.000 | 3.154E-04 | -3.501 | 3.15E-04 | 0.00E+00 |
| G08 | FAM | N1 | Unkn | EH_07.20.21 | N/A | 0.00 | 0.000 | N/A | N/A | 0.00E+00 | 0.00E+00 |

Quantification Data

| Well | Fluor | Target | Content | Sample | Cq | Cq Mean | Cq Std. Dev | Starting Quantity (SQ) | Log Starting Quantity | SQ Mean | SQ Std. Dev |
|------|-------|--------|---------|-------------|-------|---------|-------------|------------------------|-----------------------|----------|-------------|
| G09 | FAM | N1 | Unkn | EH_07.20.21 | 38.93 | 38.93 | 0.000 | 3.140E-03 | -2.503 | 3.14E-03 | 0.00E+00 |
| H01 | FAM | N1 | Unkn | O_08.09.21 | 35.85 | 35.85 | 0.000 | 1.520E-01 | -0.818 | 1.52E-01 | 0.00E+00 |
| H02 | FAM | N1 | Unkn | O_08.09.21 | 36.96 | 36.96 | 0.000 | 3.775E-02 | -1.423 | 3.77E-02 | 0.00E+00 |
| H03 | FAM | N1 | Unkn | O_08.09.21 | 35.02 | 35.02 | 0.000 | 4.337E-01 | -0.363 | 4.34E-01 | 0.00E+00 |
| H04 | FAM | N1 | Unkn | AC_08.06.21 | 37.46 | 37.46 | 0.000 | 2.014E-02 | -1.696 | 2.01E-02 | 0.00E+00 |
| H05 | FAM | N1 | Unkn | AC_08.06.21 | 37.57 | 37.57 | 0.000 | 1.740E-02 | -1.760 | 1.74E-02 | 0.00E+00 |
| H06 | FAM | N1 | Unkn | AC_08.06.21 | 36.06 | 36.06 | 0.000 | 1.179E-01 | -0.928 | 1.18E-01 | 0.00E+00 |
| H07 | FAM | N1 | Unkn | EBMI_07.25 | 42.14 | 42.14 | 0.000 | 5.534E-05 | -4.257 | 5.53E-05 | 0.00E+00 |
| H08 | FAM | N1 | Unkn | EBMI_07.25 | 35.92 | 35.92 | 0.000 | 1.406E-01 | -0.852 | 1.41E-01 | 0.00E+00 |
| H09 | FAM | N1 | Unkn | EBMI_07.25 | 38.58 | 38.58 | 0.000 | 4.907E-03 | -2.309 | 4.91E-03 | 0.00E+00 |

Bar Chart

Normalized expression analysis is not possible, either because no target is assigned as a reference or the selected target(s) is not a

Target Names

| Name | Full Name | Reference | Auto Efficiency | Efficiency |
|------|-----------|-----------|-----------------|------------|
| N1 | N1 | False | Yes | 252.7% |

Sample Names

| Name | Full Name | Control |
|---------------|---------------|---------|
| AC_08.05.21 | AC_08.05.21 | No |
| AC_08.06.21 | AC_08.06.21 | No |
| Aw_B_08.09.21 | Aw_B_08.09.21 | No |
| AWst_08.09.21 | AWst_08.09.21 | No |
| BMI_08.09.21 | BMI_08.09.21 | No |
| EBMI_07.25 | EBMI_07.25 | No |
| EH_07.20.21 | EH_07.20.21 | No |
| EMH_07.21.21 | EMH_07.21.21 | No |
| EVC1_07.02.21 | EVC1_07.02.21 | No |
| EVC1_07.16.21 | EVC1_07.16.21 | No |
| EVC3_07.16.21 | EVC3_07.16.21 | No |
| H_08.05.21 | H_08.05.21 | No |
| H_08.07.21 | H_08.07.21 | No |
| H_08.-8.21 | H_08.-8.21 | No |
| H_D_08.06.21 | H_D_08.06.21 | No |
| H_D_08.08.21 | H_D_08.08.21 | No |
| MH_08.09.21 | MH_08.09.21 | No |
| O_08.09.21 | O_08.09.21 | No |
| VC2_08.09.21 | VC2_08.09.21 | No |
| VC3_08.09.21 | VC3_08.09.21 | No |

Gene Expression - Bar Chart Data

| Target | Sample | Control | Expression | Expression SEM | Corrected Expression SEM | Mean Cq | Cq SEM | P-Value |
|--------|-------------|---------|------------|----------------|--------------------------|---------|---------|---------|
| N1 | AC_08.05.21 | | N/A | N/A | N/A | 30.95 | 0.07194 | N/A |

Gene Expression - Bar Chart Data

| Target | Sample | Control | Expression | Expression SEM | Corrected Expression SEM | Mean Cq | Cq SEM | P-Value |
|--------|---------------|---------|------------|----------------|--------------------------|---------|---------|---------|
| N1 | AC_08.06.21 | | N/A | N/A | N/A | 37.03 | 0.48791 | N/A |
| N1 | Aw_B_08.09.21 | | N/A | N/A | N/A | 34.50 | 0.22019 | N/A |
| N1 | AWst_08.09.21 | | N/A | N/A | N/A | 33.62 | 0.13623 | N/A |
| N1 | BMI_08.09.21 | | N/A | N/A | N/A | 35.08 | 0.06961 | N/A |
| N1 | EB | | N/A | N/A | N/A | N/A | N/A | N/A |
| N1 | EBMI_07.25 | | N/A | N/A | N/A | 38.88 | 1.80191 | N/A |
| N1 | EH_07.20.21 | | N/A | N/A | N/A | 39.84 | 0.91168 | N/A |
| N1 | EMH_07.21.21 | | N/A | N/A | N/A | 37.24 | 0.53278 | N/A |
| N1 | EVC1_07.02.21 | | N/A | N/A | N/A | 44.16 | 0.00000 | N/A |
| N1 | EVC1_07.16.21 | | N/A | N/A | N/A | 40.88 | 1.72078 | N/A |
| N1 | EVC3_07.16.21 | | N/A | N/A | N/A | 39.06 | 0.61682 | N/A |
| N1 | H_08.05.21 | | N/A | N/A | N/A | 36.46 | 0.80767 | N/A |
| N1 | H_08.07.21 | | N/A | N/A | N/A | 36.74 | 0.78739 | N/A |
| N1 | H_08.-8.21 | | N/A | N/A | N/A | 34.88 | 0.18575 | N/A |
| N1 | H_D_08.06.21 | | N/A | N/A | N/A | 34.90 | 0.38007 | N/A |
| N1 | H_D_08.08.21 | | N/A | N/A | N/A | 35.75 | 0.56957 | N/A |
| N1 | MH_08.09.21 | | N/A | N/A | N/A | 34.11 | 0.16912 | N/A |
| N1 | O_08.09.21 | | N/A | N/A | N/A | 35.95 | 0.56099 | N/A |
| N1 | VC1_08.09.21 | | N/A | N/A | N/A | N/A | N/A | N/A |
| N1 | VC2_08.09.21 | | N/A | N/A | N/A | 37.80 | 0.51537 | N/A |
| N1 | VC3_08.09.21 | | N/A | N/A | N/A | 37.62 | 1.27724 | N/A |

QC Parameters

Data

| Description | Value | Use | Results | Exclude Wells | All excluded wells |
|---|-------|------|--|---------------|--------------------|
| Negative control with a Cq less than | 38 | True | | False | |
| NTC with a Cq less than | 38 | True | | False | |
| NRT with a Cq less than | 38 | True | | False | |
| Positive control with a Cq greater than | 30 | True | | False | |
| Unknown without a Cq | N/A | True | FAM:B7, B8, B9, B11, B12, C10, D9, D12, E10, E11, E12, G8. | False | |
| Standard without a Cq | N/A | True | | False | |

Data

| Description | Value | Use | Results | Exclude Wells | All excluded wells |
|---|-------|------|---------|---------------|--------------------|
| Efficiency greater than | 110.0 | True | FAM | | |
| Efficiency less than | 90.0 | True | | | |
| Std Curve R^2 less than | 0.980 | True | FAM | | |
| Replicate group Cq Std Dev greater than | 0.20 | True | | False | |